

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008290**Date Inspected:** 26-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Liu Zhong An

Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No
Weld Procedures Followed:	Yes	No
Verified Joint Fit-up:	Yes	No
Approved WPS:	Yes	No
Delayed / Cancelled:	Yes	No

Bridge No: 34-0006**Component:** OBG and Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 6-

This QA Inspector observed the following work in progress: SMAW welding of Tower Strut Plate weld WD1-A305-53M-1-9B . ZPMC welders were identified as 066456 and 037780. ZPMC QC is identified as Fu Dong Ming. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2112-TC-U5b.

Bay 10-

This QA Inspector observed the following work in progress: FCAW welding of weld NSD1-TL8 J/L-57 located on North Tower Lift 2. ZPMC welder was identified as 047350. ZPMC QC is identified as Du Zhiquan. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2331-TC-P4-F-2.

FCAW welding of weld NSD1-FESA4-3 F/F-81B located on the South Tower Lift 3. ZPMC welders were identified as 066683 and 070046. ZPMC QC is identified as Liu Zhong An. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2332-TC-P5-F.

FCAW welding of SCTL3-1 B/K on the North Tower Lift 4. ZPMC welders were identified as 050041 and

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052075. ZPMC QC is identified as Liu Yang. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-C-U2-F.

SMAW welding of NSTL3-3 I/K-73 on the North Tower Lift 3. ZPMC welder was identified as 040269. ZPMC QC is identified as Liu Zhong An. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-3312-TC-P4.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
